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Notice of Allowability	Application No.	Applicant(s)	
	10/711,663	BELLIS, GEORGE PATTERSON	
	Examiner	Art Unit	
	Tamiko D. Bellamy	2856	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/30/04.
2. ☒ The allowed claim(s) is/are 1-20.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

- Attachment(s)**
- | | |
|---|--|
| 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>9/30/04</u> | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-20 are allowed.
2. The following is an examiner's statement of reasons for allowance:

Re claim 1, the independent claim includes “ a conveyance tube-retaining device mounted to the conveyance tube and compressing a crimped ferrule defining a specific vertical position of the conveyance tube retaining device; an upper generally elongated body with a rive assembly mounted at the lower end to threadably descend over the threaded upper portion of the lower generally elongated body “ in combination with the remaining claim limitation is not taught and/or made obvious by the prior art. Waterman, considered closest to related art, teaches a probe (20) that is inserted in and retracted out of a high pressure vessel via means of a hydraulic pump (126) attached to a hydraulic hose, and tool. Waterman teaches a piston (92) that engages the probe (20) projecting from a stuffing box (30) (Col. 5, lines 50-68; Col. 6, lines 1-39). Waterman does not teach **a conveyance tube-retaining device mounted to the conveyance tube and compressing a crimped ferrule defining a specific vertical position of the conveyance tube retaining device; an upper generally elongated body with a rive assembly mounted at the lower end to threadably descend over the threaded upper portion of the lower generally elongated body.**

Re claim 9, the independent claim includes “a conveyance tube-retaining device permanently mounted to the conveyance tube by means of the compression and encasement of the crimped ferrule; a conveyance tube-retaining device separated from

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the lower wall of the upper cap portion of the upper generally elongated body by a thrust bearing “ in combination with the remaining claim limitation is not taught and/or made obvious by the prior art. Waterman, considered closest to related art, teaches a probe (20) that is inserted in and retracted out of a high pressure vessel via means of a hydraulic pump (126) attached to a hydraulic hose, and tool. Waterman teaches a piston (92) that engages the probe (20) projecting from a stuffing box (30) (Col. 5, lines 50-68; Col. 6, lines 1-39). Waterman does not **teach a conveyance tube-retaining device permanently mounted to the conveyance tube by means of the compression and encasement of the crimped ferrule; a conveyance tube-retaining device separated from the lower wall of the upper cap portion of the upper generally elongated body by a thrust bearing.**

Re claim 15, the independent claim includes “ an upper threaded portion of the lower generally elongated body having a vertical key slot, and a locking device threadably attached to the drive assembly at the lower end of the upper generally elongated body for engagement of the vertical key slot “ in combination with the remaining claim limitation is not taught and/or made obvious by the prior art. Waterman, considered closest to related art, teaches a probe (20) that is inserted in and retracted out of a high pressure vessel via means of a hydraulic pump (126) attached to a hydraulic hose, and tool. Waterman teaches a piston (92) that engages the probe (20) projecting from a stuffing box (30) (Col. 5, lines 50-68; Col. 6, lines 1-39). Waterman does not **teach an upper threaded portion of the lower generally elongated body having a vertical key slot, and a locking device threadably attached to the drive assembly at**

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the lower end of the upper generally elongated body for engagement of the vertical key slot.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tamiko D. Bellamy whose telephone number is (571) 272-2190. The examiner can normally be reached on Monday - Friday 7:30 AM to 3:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hezron Williams can be reached on (571) 272-2208. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.


Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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Tamiko Bellamy

T.B.
May 26, 2006


HEZRON WILLIAMS
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800